

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: William M. CANFIELD

SERIAL NO: 10/023,889

GAU: 1652

FILED: December 21, 2001

EXAMINER: FRONDA

FOR: METHOD OF PRODUCING HIGH MANNOSE GLYCOPROTEINS IN COMPLEX CARBOHYDRATE DEFICIENT CELLS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☐ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☒ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
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| Form PTO 1449 (Modified) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY DOCKET NO. 203512US77 | | SERIAL NO. 10/023,889 | |
| LIST OF REFERENCES CITED BY APPLICANT | | | | APPLICANT William M. CANFIELD | | | |
| | | | | FILING DATE December 21, 2001 | | GROUP 1652 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
| | AA | 6,224,858 | 05/01/01 | Mulligan, et al. | | | |
| | AB | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| | AW | Elbein et al., Kifunensine, a potent inhibitor of the glycoprotein processing mannosidase I. J Biol Chem. 15 September 1990, vol. 265, no. 26, pages 15599-605. | | | | | |
| | AX | Vallee et al. Structural basis for catalysis and inhibition of N-glycan processing class I alpha 1,2-mannosidases. J Biol Chem. 29 December 2000, vol. 275, no 52, pages 41287-98 | | | | | |
| | AY | Sallustio et al. Isolation of Chinese hamster ovary ribosomal mutants differentially resistant to ricin, abrin, and modeccin. J Biol Chem. 5 January 1990, vol. 265, no. 1, pages 582-8. | | | | | |
| | AZ | Marcus et al. Glucosidase and mannosidase inhibitors mediate increased secretion of mutant alpha 1 antitrypsin Z. J. Biol Chem. 21 January 2000, vol. 275, no. 3, pages 1987-92. | | | | <input type="checkbox"/> Additional References sheet(s) attached | |
| Examiner | | | | | Date Considered | | |
| *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |